

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

NAME: FERMY

STATE: CA

COUNTRY: US

LATITUDE/LONGITUDE: 334400.29N/1181309.88W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

### FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LOS ANGELES	LAX	VORTAC	H	123.33	138.33	16.00	16.00		2100	17500
2	SEAL BEACH	SLI	VORTAC	L	235.11	250.11		8.76		2100	17500

### FIX RESTRICTIONS:

MCA V-25 2700 NORTHWEST BOUND

### HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

### PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE		WP	123.33	303.33	R		4	2700	6000	5	6

### CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (06-000413)	334446.00N/1182007.00W	1543	4D
1	310	TOWER (06-000413)	334446.00N/1182007.00W	1543	4D

### HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

### PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 11L	KTOA	TORRANCE	CA (US)

### REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V25	1, 2				(US)
IAP	RNAV (GPS) RWY 11L		1	KTOA	TORRANCE	CA (US)

REQUIRED CHARTING: SECTIONAL, VFR TERMINAL AREA, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/15/2012

### REASON FOR REVISION:

ADDED HOLDING.  
FORMAT AND EDITORIAL UPDATES.  
UPDATED FIX USE.  
COORDINATES UPDATED TO REALIGN ON AIRWAY, FIX MOVED 108 FEET SOUTHWEST.

DEVELOPED BY: DATE: 04/04/2011 OFFICE: AJV-353 NAME: NEIL SIMPANEN

APPROVED BY: DATE: 09/05/2012 OFFICE: AJV-354 NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAX APP CON  
OTHER: KTOA ATCT

QUALITY  
25  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: INISH STATE: CA COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 334514.08N/1183228.76W TYPE: WP, INT, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	SEAL BEACH	SLI	VORTAC	L	251.00	266.00	24.40	24.40	3000	17500
2	LOS ANGELES	LAX	VORTAC	H	192.00	207.00	12.04	12.04	3000	45000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W		WP	251.00	071.00	R		4	3000	6000	5	6
2	W	SLI	VORTAC	251.00	071.00	R	1		3000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	AAO	334452.60N/1182024.20W	1700	6C
1	200	SHIP	334654.94N/1183217.49W	213	2C
1	310	AAO	334539.00N/1182300.00W	1323	3E
2	200	SHIP	334654.94N/1183217.49W	213	2C

## HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 29R	KTOA	TORRANCE	CA (US)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 SEAL BEACH (FAC 1) AND LOS ANGELES (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V8	1, 2				(US)
IAP	ILS OR LOC RWY 29R	1, 2	2	KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS) RWY 11 L			KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS) RWY 29R		1	KTOA	TORRANCE	CA (US)

REQUIRED CHARTING: IAP, AREA, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 DATE OF REVISION: 09/15/2016

## REASON FOR REVISION:

UPDATE FIX USE, REMOVED HOLDING PAT 1 FROM KTOA RNAV (GPS) RWY 11L AND ADDED KTOA ILS OR LOC RWY 29R PROCEDURE.  
 UPDATE HOLDING, ADDED PATTERN 2 FOR THE KTOA ILS OR LOC RWY 29R PROCEDURE.  
 UPDATE FAC 1 AND FAC 2, ADDED 3000 TO MRA.

DEVELOPED BY: DATE: 02/25/2016 OFFICE: AJV-5431 NAME: HERMAN ROGERS

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: LONNIE EVERHART

SIGNATURE:

## DISTRIBUTION:

NFDC  
 FPO: WST  
 ARTCC: ZLA  
 ATC FACILITY: SOCAL APP CON  
 OTHER: TOA ATCT, LAX ATCT

QUALITY  
25  
CHECKED

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** WEVET

**STATE:** CA

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 335200.76N/1182756.18W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**FIX USE:**  
**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 11L

**FAC**   **PAT**   **AIRPORT IDENT**   **CITY**  
KTOA   TORRANCE

**STATE**  
CA (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 11/15/2012

**DEVELOPED BY:**      **DATE:** 04/04/2011

**OFFICE:** AJV-353

**NAME:** NEIL SIMPANEN

**APPROVED BY:**      **DATE:** 09/05/2012

**OFFICE:** AJV-354

**NAME:** DEZ SILAGYI

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZLA  
**ATC FACILITY:** SOCAL  
**OTHER:** TOA ATCT, LAX ATCT

QUALITY  
25  
CHECKED

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** YUFAP

**STATE:** CA

**COUNTRY:** US

**LATITUDE/LONGITUDE:** 334850.45N/1183201.23W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**FIX USE:**  
**USE TYPE**  
IAP

**USE TITLE**  
RNAV (GPS) RWY 11L

**FAC**

**PAT**

**AIRPORT IDENT**  
KTOA

**CITY**  
TORRANCE

**STATE**  
CA (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 11/15/2012

**DEVELOPED BY:**

**DATE:** 04/04/2011

**OFFICE:** AJV-353

**NAME:** NEIL SIMPANEN

**APPROVED BY:**

**DATE:** 09/05/2012

**OFFICE:** AJV-354

**NAME:** DEZ SILAGYI

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZLA  
**ATC FACILITY:** KTOA ATCT, KLAX ATCT  
**OTHER:**

QUALITY  
25  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZANAN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335024.31N/1182338.41W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

USED AS FAF RWY 11L AND MA FIRST FIX RWY 29R.

**FIX USE:**

**USE TYPE**

IAP  
IAP

**USE TITLE**

RNAV (GPS) RWY 11L  
RNAV (GPS) RWY 29R

**FAC**

**PAT**

**AIRPORT IDENT**

KTOA  
KTOA

**CITY**

TORRANCE  
TORRANCE

**STATE**

CA (US)  
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/15/2016

**REASON FOR REVISION:**

CHANGED UNROUNDED COORDINATES TO MATCH IPDS.

DEVELOPED BY:

DATE: 02/25/2016

OFFICE: AJV-5431

NAME: HERMAN ROGERS

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: SOCAL APP CON

OTHER: KTOA ATCT, LAX ATCT

QUALITY  
25  
CHECKED